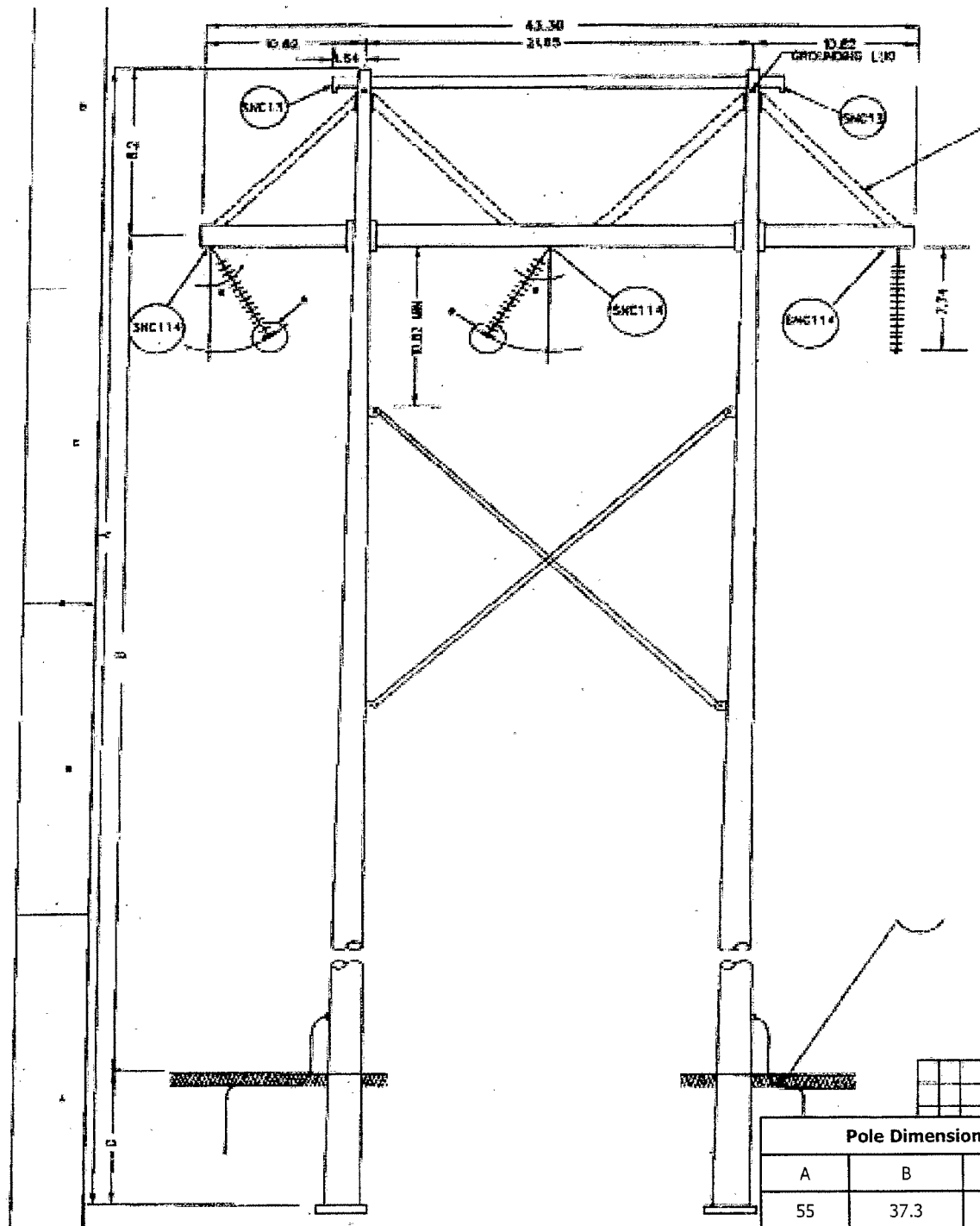


**APPENDIX B:**  
**TYPES OF H-FRAME STRUCTURES**

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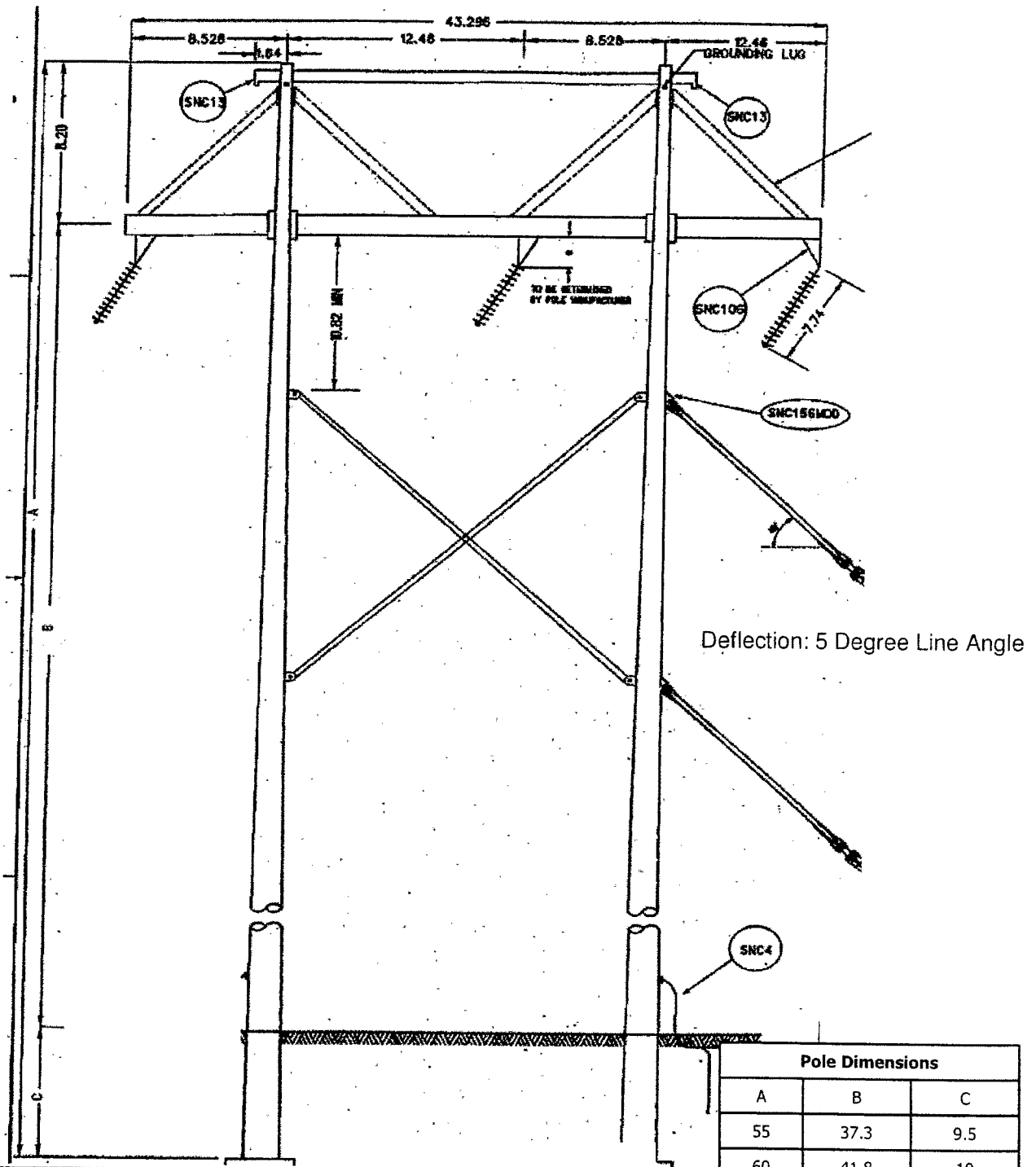


H-Frame ROW Detail		
Pole Location	ROW Distance (feet)	Safety Zone Distance (feet)
County Road ROW	30.9	30
Outside County Road ROW	37.46	30
Through Farmers Field	45	30 (either side of ROW)

Deflection: 1 Degree Line Angle

Pole Dimensions		
A	B	C
55	37.3	9.5
60	41.8	10
65	46.3	10.5
70	50.8	11
75	55.3	11.5
80	59.8	12
85	64.3	12.5
90	68.8	13

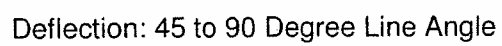
Figure 5-1  
240kV H-Frame Tangent Structure



H-Frame ROW Detail		
Pole Location	ROW Distance (feet)	Safety Zone Distance (feet)
County Road ROW	30.9	30
Outside County Road ROW	37.46	30
Through Farmers Field	45	30 (either side of ROW)

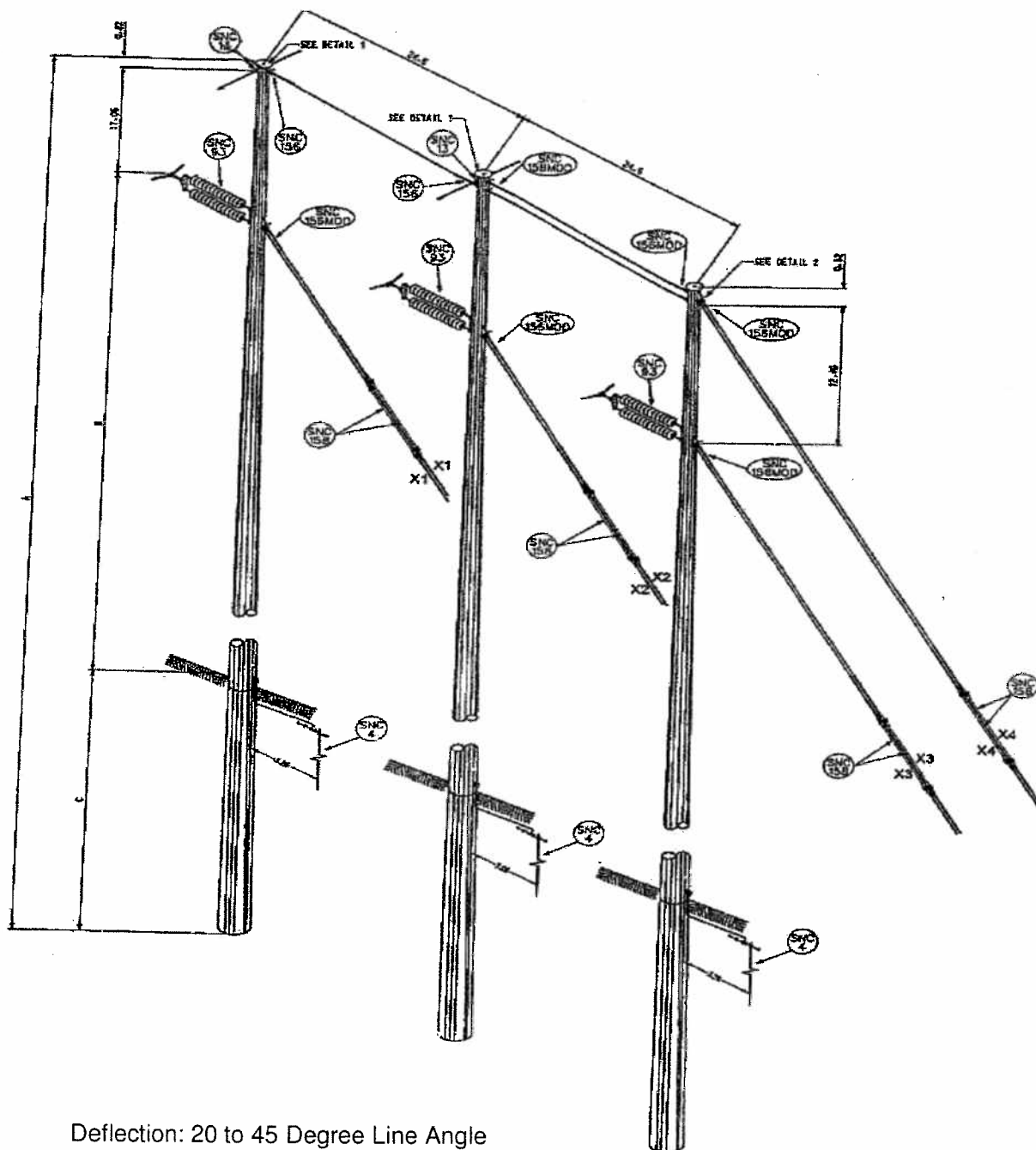
Pole Dimensions		
A	B	C
55	37.3	9.5
60	41.8	10
65	46.3	10.5
70	50.8	11
75	55.3	11.5
80	59.8	12
85	64.3	12.5
90	68.8	13

Figure 5-2  
240kV H-Frame Light Angle Structure



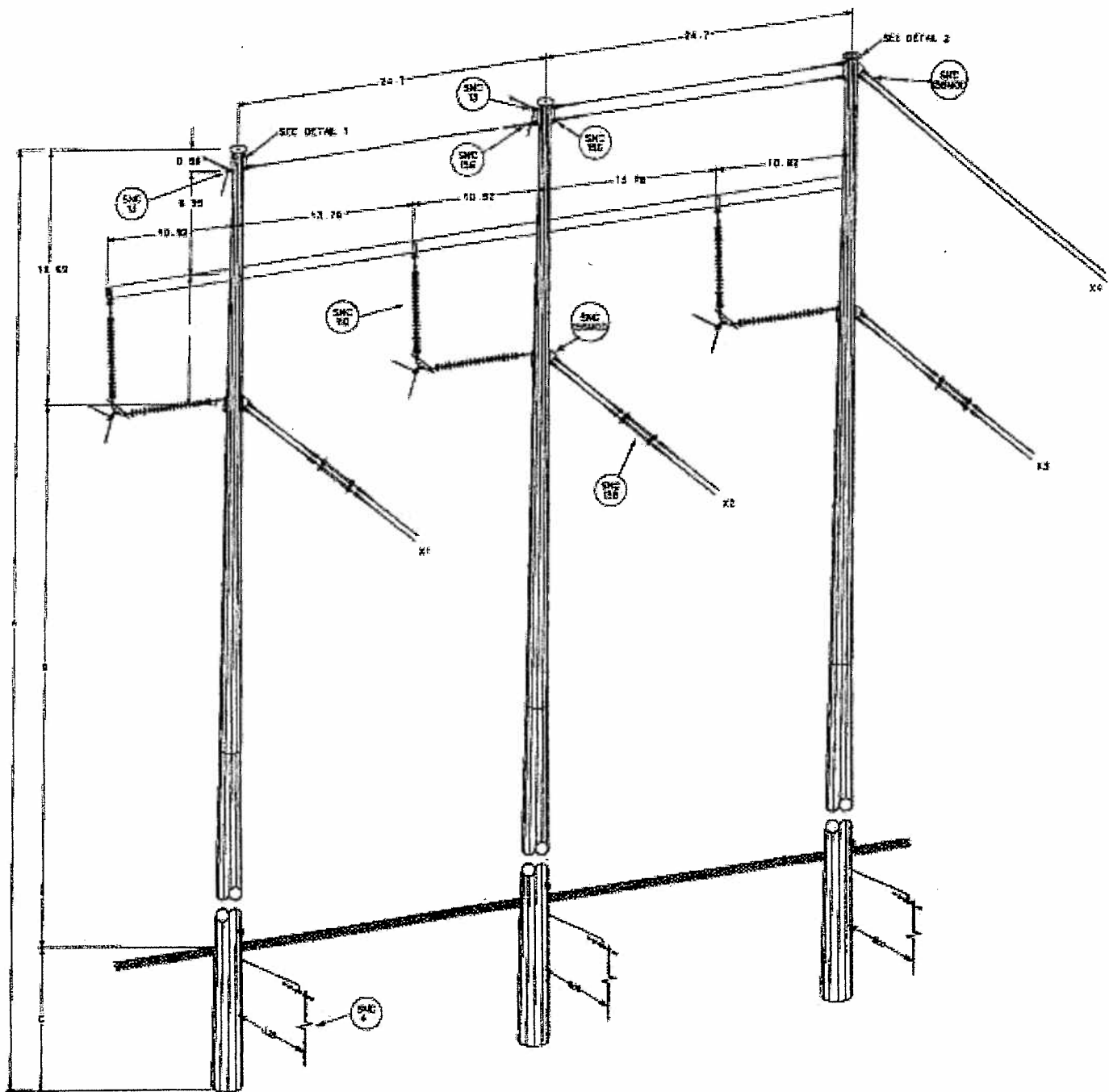
Pole Dimensions		
A	B	C
60	30.62	10
65	34.82	10.5
70	39.32	11
75	43.82	11.5
80	48.32	12

Figure 5-3  
240kV Three Pole Dead-End Structure



Pole Dimensions		
A	B	C
65	36.62	10.5
70	41.12	11
75	45.62	11.5
80	50.12	12
85	54.62	12.5

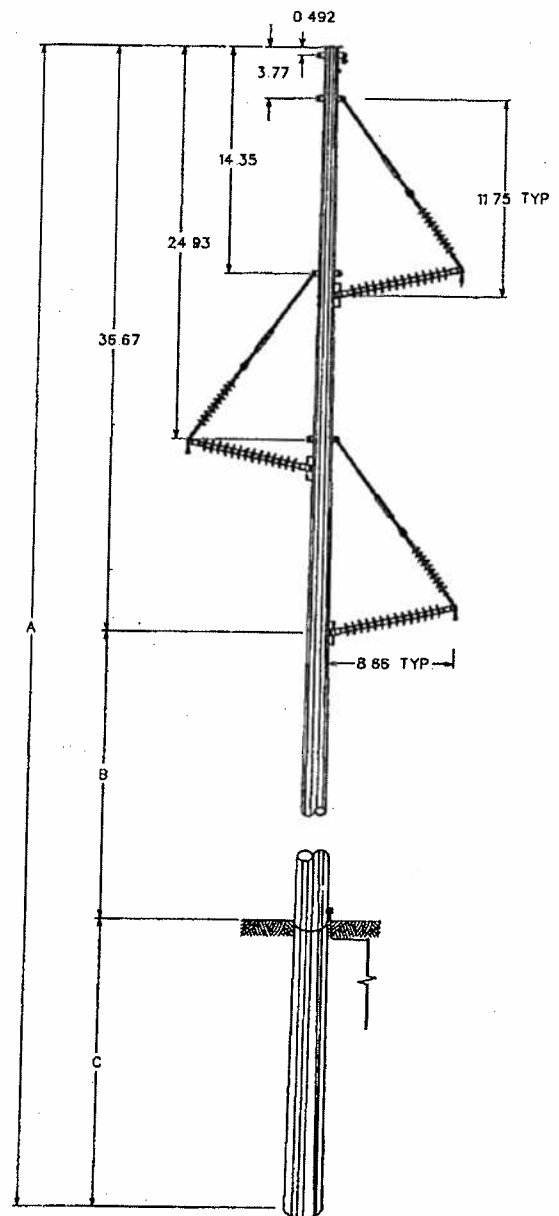
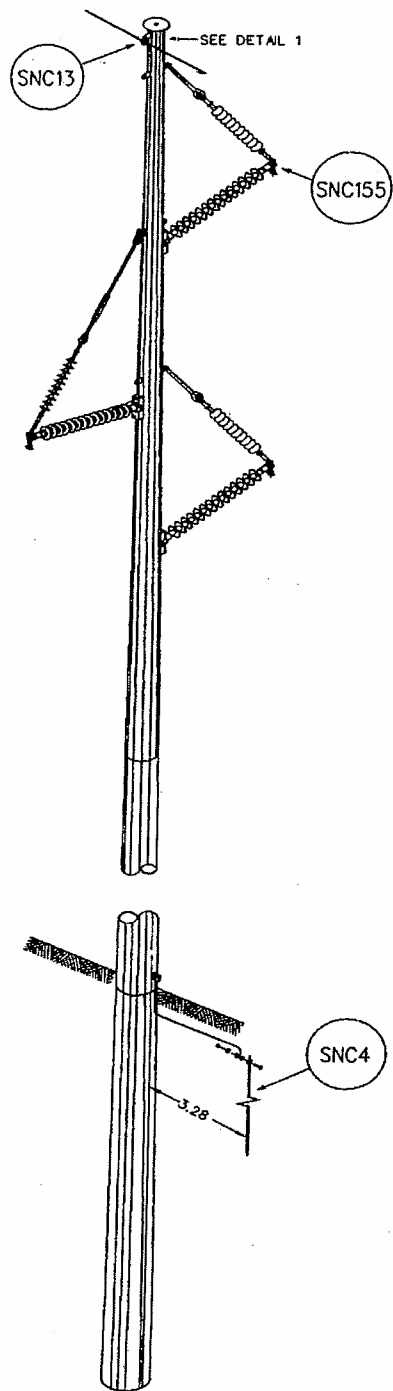
Figure 5-4  
240kV Three Pole Heavy Angle Structure



Deflection: 5 to 20 Degree Line Angle

Pole Dimensions		
A	B	C
75	48.78	11.5
80	51.28	12
85	55.81	12.5
90	80.3	13

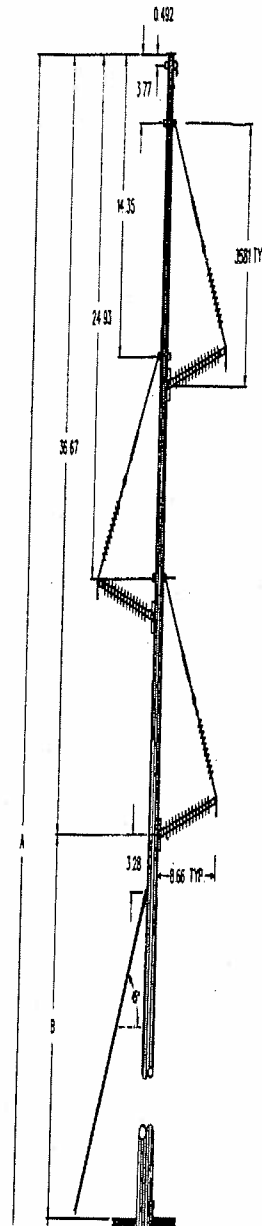
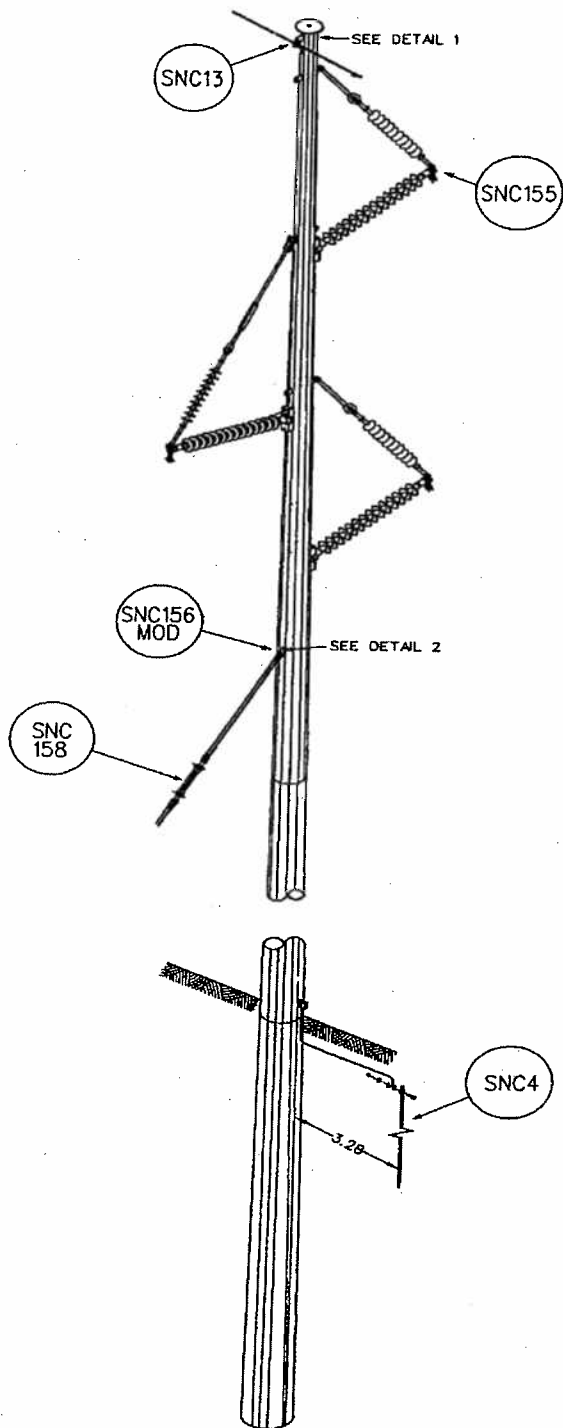
Figure 5-5  
240kV Three Pole Medium Angle Structure



Single Pole ROW Detail		
Pole Location	ROW Distance (feet)	Safety Zone Distance (feet)
County Road ROW	6.72	20
Outside County Road ROW	13.28	20
Through Farmers Field	20	20 (either side of ROW)

Pole Dimensions		
A	B	C
80	31.28	12
85	35.78	12.5
90	40.28	13
95	44.78	13.5
100	49.28	14

Figure 5-6  
240Kv Monopole Tangent Structure



Single Pole ROW Detail		
Pole Location	ROW Distance (feet)	Safety Zone Distance (feet)
County Road ROW	6.72	20
Outside County Road ROW	13.28	20
Through Farmers Field	20	20 (either side of ROW)

Pole Dimensions		
A	B	C
80	31.28	12
85	35.78	12.5
90	40.28	13
95	44.78	13.5
100	49.28	14

Figure 5-7  
240kV Monopole Light Angle Structure